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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER MC050YP |
| | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/517416 |
| INTERNATIONAL APPLICATION NO. PCT/CA03/00957 | INTERNATIONAL FILING DATE 23/06/2003 | PRIORITY DATE CLAIMED 25/06/2002 |
| TITLE OF INVENTION 8-(BIARYL)QUINOLINE PDE4 INHIBITORS | | |
| APPLICANT(S) FOR DO/EO/US Denis Deschenes, Daniel Dube, Laurence Dube, Michel Gallant, Yves Girard, Patrick Lacombe, Dwight MacDonald | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (19) indicated below.4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> has been communicated by the International Bureau.c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. | | |
| Items 11 to 18 below concern other document(s) or information included: | | |
| <ol style="list-style-type: none">11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A power of attorney and/or change of address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13.ter.2 and 35 U.S.C. 1.821 - 1.825.18. <input type="checkbox"/> Other items or information: | | |
| <div style="text-align: right;">EXPRESS MAIL CERTIFICATE DATE OF DEPOSIT <u>December 8, 2004</u> EXPRESS MAIL NO. <u>98959151305</u> I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL "POST OFFICE TO ADDRESSEE" BEFORE 5 P.M. ON THE ABOVE DATE IN AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231. MAILED BY <u>Law Schenesis</u> DATE <u>December 8, 2004</u></div> | | |

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 2em; font-family: monospace;">10/517416</div> | INTERNATIONAL APPLICATION NO. PCT/CA03/00957 | ATTORNEY'S DOCKET NUMBER <div style="font-size: 1.2em; font-weight: bold;">DT05 Rec'd PCT/PTO 08 DEC 2004</div> |
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| 19. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]: Neither international preliminary examination fee (37 CFR 1.482) nor international search fee [37 CFR 1.445(a)(2)] paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$1,110.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$950.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee [37 CFR 1.445(a)(2)] paid to USPTO \$790.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$750.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)..... \$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div> | CALCULATIONS | PTO USE ONLY |
| | \$950.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)]. | | |
| Claims | Number Filed | Number Extra |
| Total Claims | 31 - 20 = | 11 |
| Independent Claims | 1 - 3 = | 0 |
| Multiple dependent claim(s) (if applicable) | | + \$300.00 |
| TOTAL OF ABOVE CALCULATIONS = | | \$1,148.00 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | |
| SUBTOTAL = | | \$1,148.00 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | + |
| TOTAL NATIONAL FEE = | | \$1,148.00 |
| Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. | | + |
| TOTAL FEES ENCLOSED = | | \$1,148.00 |
| | | Amount to be refunded |
| | | charged |

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 13-2755 in the amount of \$1,148.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. 13-2755. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 000210

MERCK & CO., INC.
Patent Department, RY60-30
P.O. Box 2000
126 East Lincoln Avenue
Rahway, New Jersey 07065-0970

DATE: December 8, 2004

PHONE #: (732) 594-3199

SIGNATURE

 Curtis C. Panzer
 NAME

 33,752
 REGISTRATION NUMBER